

Subcategories and Emission Limits

[§§63.4681 & 63.4690; Tables 1 & 2 to subpart QQQQ]
grams of HAP/liter of solids (pounds of HAP/gallon of solids)*

If the affected source applies coatings to...	And is an existing source, the organic HAP emission limit is...	And is a new or reconstructed source, the organic HAP emission limit is...
Doors, Windows & Miscellaneous	231 (1.93)	57 (0.48)
Flooring	93 (0.78)	0 (0.00)
Interior Wall Paneling and Tileboard	183 (1.53)	5 (0.04)
Other Interior Panels	20 (0.17)	0 (0.00)
Exterior Siding & Primed Doorskins	7 (0.06)	0 (0.00)

*English or metric units may be used to determine compliance.

Compliance Options

[§63.4691]

You may comply with your subcategory emission limit as identified above by doing any of the following (you may use a different compliance option for each coating operation or on a coating operation at different times):

1) Compliant Material Option

Each coating you use must have a lower organic HAP content than the applicable emission limit and each thinner and cleaning material you use must contain no organic HAP.

2) Emission Rate Without Add-On Controls

The combination of coatings, thinners, and cleaning materials you use must have a lower organic HAP emission rate than the applicable organic HAP emission limit.

3) Emission Rate With Add-On Controls

The combination of coatings, thinners, and cleaning materials you use (along with the emission capture systems and add-on control devices) must result in a lower organic HAP emission rate than the applicable organic HAP emission limit.

Compliance Calculations

[§§63.4742, 63.4752, and 63.4762]

Using the collected data for your coatings, thinners, and cleaning materials, you must calculate a rolling 12-month average organic HAP emission rate on a monthly basis by using the data collected from the current month and combining with the previous 11 months' data.

For More Information

Copies of the rule and other material are located at EPA's Wood Building Products Website:

www.epa.gov/ttn/atw/wbldg/wbldgpgg.html

You can also contact your regional EPA air toxics office at the following numbers:

Address	States	Website/ Phone Number
Region 1 1 Congress Street Suite 1100 Boston, MA 02114-2023	CT, MA, ME, NH, RI, VT	www.epa.gov/region01/ (888) 372-7341
Region 2 290 Broadway New York, NY 10007-1866	NJ, NY, PR, VI	www.epa.gov/region02/ (212) 637-5000
Region 3 1650 Arch Street Philadelphia, PA 19103-2029	DE, MD, PA, VA, WV, DC	www.epa.gov/region03/ (800) 438-2474
Region 4 Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303-3104	FL, NC, SC, KY, TN, GA, AL, MS	www.epa.gov/region04/ (800) 241-1754
Region 5 77 W. Jackson Blvd Chicago, IL 60604	IL, IN, MI, WI, MN, OH	www.epa.gov/region05/ (800) 621-8431
Region 6 1445 Ross Avenue Suite 1200 Dallas, TX 75202	AR, LA, NM, OK, TX	www.epa.gov/region06/ (800) 887-6063
Region 7 901 N. 5 th Street Kansas City, KS 66101	IA, KS, MO, NE	www.epa.gov/region07/ (800) 223-0425
Region 8 999-18th St., Suite 300 Denver, CO 80202-2466	CO, MT, ND, SD, UT, WY	www.epa.gov/region08/ (800) 227-8917
Region 9 75 Hawthorne St. San Francisco, CA 94105	CA, AZ, HI, NV, Pacific Islands	www.epa.gov/region09/ (866)EPA-WEST
Region 10 1200 6 th Avenue Seattle, WA 98101	AK, ID, WA, OR	www.epa.gov/region10/ (800) 424-4372

Implementation tools (overview s, example reports, etc.) have been developed for this rule. You can keep informed on the implementation activities planned by EPA's Office of Air Quality Planning and Standards (OAQPS) by periodically checking the rule's Implementation Plan. For Wood Building Products, the web address is as follows:

www.epa.gov/ttn/atw/wbldg/wbldgplan.html



United States
Environmental Protection
Agency

July 2004

www.epa.gov/ttn/atw/wbldg/wbldgpgg.html

Office of Air Quality Planning & Standards (E-143-02)

SURFACE COATING OF WOOD BUILDING PRODUCTS NESHAQ (SUBPART QQQQ) AN OVERVIEW OF THE FINAL RULE



Surface Coating of Wood Building Products NESHAP (subpart QQQQ)

Who is covered by the rule?

[§63.4681]

You are affected if:

- ❖ you own or operate an affected source that uses at least 4,170 liters (1,100 gallons) of coating per year in the surface coating of wood building products **AND**
- ❖ your affected source is a major source, is located at a major source, or is part of a major source of hazardous air pollutants (HAP)

An Affected Source is ...

Any new or existing source that performs surface coating operations involving wood building products.

A Wood Building Product is...

Any product that contains more than 50% (by weight) wood or wood fiber, excluding weight of glass components, and is used in the construction (interior or exterior) of a residential, commercial, or institutional building.

Who is not covered by this rule?

[§63.4681]

The following sources are not covered under Subpart QQQQ:

- ❖ Prefabricated home and mobile/modular home manufacturing
- ❖ Plywood and composite wood products manufacturing (Subpart DDDD)
- ❖ Wood furniture manufacturing (Subpart JJ)
- ❖ Research or laboratory facilities; janitorial, building and facility construction or maintenance operations
- ❖ Wood treatment that uses a retort or other pressure vessel
- ❖ Non-commercial operations

What standards must I follow?

[§63.4691]

If you **do not** use capture and control devices, Subpart QQQQ requires you to comply with:

- ❖ Emission Limits
- ❖ Recordkeeping and Reporting provisions

If you use capture and control devices, Subpart QQQQ requires you to comply with:

- ❖ Emission Limits
- ❖ Operating Limits

- ❖ Work Practice Standards and a Startup, Shutdown, and Malfunction plan
- ❖ Monitoring, Recordkeeping, and Reporting provisions

Operating Limits and Monitoring Requirements

[§63.4692]

The operating limits are the site-specific parameter limits (e.g., temperature, flow rate) you determine for your capture and control devices during the performance test. Your operating limits must be monitored by a continuous parameter monitoring system (CPMS).

Work Practice Standards

[§63.4693]

If you use capture and control devices, you must develop and operate a work practice plan since this option allows you to use coatings, thinners and solvents that do not meet the organic HAP content limit. The plan should include actions to:

- ❖ Cover mixing vessels containing HAP except when adding, mixing or removing contents
- ❖ Use closed containers to store and transfer all organic HAP-containing materials
- ❖ Minimize spills through careful handling of HAP containing coatings, thinners, cleaning materials, and wastes
- ❖ Minimize emissions during cleanup of storage, mixing, and conveying equipment

Compliance Dates

[§63.4683]

If your initial startup is ...	Then you're *	And must comply by ...
On or before June 21, 2002	An existing source	May 28, 2006
After June 21, 2002	A new source	May 28, 2003 or the initial startup of your affected source, whichever is later
(add reconstructed?)		

* When determining if a source is new or existing, the General Provisions (40 CFR 63, Subpart A) requires us to use the proposal date of the rule as the cutoff date. For subpart QQQQ, the rule proposal date was June 21, 2002.

Noncompliance with applicable regulations after the compliance date may result in fines and penalties of up to \$25,000 per day per violation.

Notification, Reporting, and Recordkeeping Requirements

Initial Notification: [§63.4710]

The initial notification states that your affected source is subject to the Wood Building Products standards. You must submit this by September 25, 2003 or 120 days after the startup date, whichever is later.

Notification of Intent to Conduct a Performance Test: [§63.7(b)]

If your affected source is required to conduct a performance test (e.g., because it uses add-on control equipment), you must submit a notification of intent to conduct a performance test at least 60 days prior to the test.

Performance Test Report: [§63.4720]

If your affected source is required to conduct a performance tests (e.g., because it uses add-on control equipment), you must submit a performance test report within 60 days after the performance test. The performance test is required to be conducted no later than 180 days after the applicable compliance date for new or reconstructed sources, and no later than May 28, 2006 for existing affected sources.

Notification of Compliance Status: [§63.4710]

You must submit a Notification of Compliance Status (NOCS) to document your initial compliance. The NOCS is due within 30 days after the end of your initial compliance period (e.g., the first year after the compliance date).

Startup, Shutdown, Malfunction Reports:

[§63.4720]

For sources using a control device to comply with subpart QQQQ, a startup, shutdown, and malfunction (SSM) report must be submitted immediately for any SSM of the control device that is not consistent with your SSM plan.

Semiannual Compliance Reports: [§63.4720]

After the initial compliance period, each affected source must submit semiannual compliance reports due on July 31 and January 31.

Records: [§63.4730]

Keep records of reported information and all other information necessary to document compliance with the final rule for 5 years. Design/operation records for control and monitoring equipment must be kept for the life of the equipment. Depending on the compliance option used, additional requirements may apply.